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**NOVEL SUCCINATE COMPOUNDS, COMPOSITIONS AND METHODS OF  
USE AND PREPARATION**

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**CROSS-REFERENCE TO RELATED APPLICATIONS**

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8/6/03  
The application claims priority under 35 U.S.C. 119(e) to U.S. Provisional  
Application Serial No. 60/<sup>266,329</sup>---, which was converted pursuant to 37 C.F.R. §  
1.53(b)(2)(ii) from U.S. Patent Application No. 09/466,402, filed on December 17,  
10 1999, the disclosure of which is incorporated herein in its entirety.

**BACKGROUND OF THE INVENTION**

Field of the invention

15 This invention is directed to novel succinate compounds. This invention is  
also directed to uses of these compounds in various medicinal applications, including  
treating disorders amenable to treatment by peptidyl deformylase inhibitors. This  
invention is still further directed to pharmaceutical compounds comprising these  
compounds and methods of synthesis thereof.

State of the Art

20 Treatment of microbial infection in host organisms requires an effective means  
to kill the microbe while doing as little harm to the host as possible. Accordingly,  
agents which target characteristics unique to a pathology-causing microorganism are  
desirable for treatment. Penicillin is an extremely well known example of such an  
agent. Penicillin acts by inhibiting biosynthesis of bacterial cell walls. Since  
25 mammalian cells do not require cell walls for survival, administration of penicillin to  
a human infected with bacteria can kill the bacteria without killing human cells.

30 However, the use of antibiotics and antimicrobials has also resulted in  
increased resistance to these agents. As bacteria become resistant to older, more  
widely used antimicrobial agents, new antimicrobials must be developed in order to  
provide effective treatments for human and non-human animals suffering from  
microbial infection.